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S/N 10/749,693

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Ilan Sutskov et al.	Examiner:	Unknown
Serial No.:	10/749,693	Group Art Unit:	2631
Filed:	December 29, 2003	Docket:	1000-0019
Title:	TRANSMITTER OPERATIONS FOR INTERFERENCE MITIGATION		

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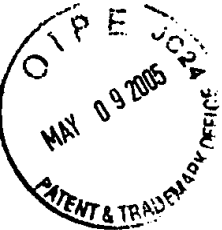
**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(1) and 37 C.F.R. §1.97(e)(1), Applicants state that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement.

It is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if a final action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 50-2359 in order to have this Supplemental Information Disclosure Statement considered.



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Dkt: P16077

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ILAN SUTSKOVER ET AL.

By their Representatives,

CUSTOMER NUMBER: 45643

480-948-3745

Date

5/4/05

By

John C. Scott  
Reg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5 day of May, 2005.

MEREDITH MESCHER  
Name

Meredith Mescher  
Signature

MAY 09 2005

Substitute for form 1-100 PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known	
<b>Application Number</b>	10/749,693
<b>Filing Date</b>	December 29, 2003
<b>First Named Inventor</b>	Sutskover, Ilan
<b>Group Art Unit</b>	2631
<b>Examiner Name</b>	Unknown
<b>Attorney Docket No:</b> 1000-0019	

Sheet 1 of 1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-6,665,288	12/16/2003	Ottosson, T. , et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"PCT Search Report", PCT/US2004/043039, (04/22/2005), 15 pages	
		BARRETO, A. N., et al., "Capacity Increase in the Downlink of Spread Spectrum Systems Through Joint Signal Precoding", <u>IEEE International Conference on Communications</u> , Conference record, Vol. 1 of 10, ISBN: 0-7803-7097-1, (Jun. 11, 2001), 1142-1146	
		ESMAILZADEH, R. , et al., "Pre-Rake Diversity Combination for Direct Sequence Spread Spectrum Communications Systems", <u>Proceedings of the International Conference on Communications (ICC)</u> , IEEE, 3, ISBN: 0-7803-0950-2, (May. 23, 1993), 463-467	
		GEORGOULIS, S. L., et al., "Transmitter Based Inverse Filters for MAI and ISI Mitigation in a TDD/CDMA Downlink", <u>IEEE 56th Vehicular Technology Conf. Proceedings</u> , Vol. 1 of 4, VTC 2002-Fall 2002, ISBN: 0-7803-7467-3, (Sep. 24, 2002), 681-685	
		SCHUBERT, M. , et al., "Joint 'Dirty Paper' Pre-Coding and Downlink Beamforming", <u>IEEE 7th International Symposium on Spread Spectrum Techniques and Applications</u> , 7, ISBN: 0-7803-7627-7, (Sep. 02, 2002), 536-540	

**EXAMINER**

**DATE CONSIDERED**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant

Ilan Sutskover et al.

**TRANSMITTER OPERATIONS FOR INTERFERENCE MITIGATION**

Docket No.: 1000-0019  
Filed: December 29, 2003  
Examiner: Unknown

Serial No.: 10/749,693  
Due Date: N/A  
Group Art Unit: 2631

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard and this transmittal document.
- ☒ An Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 5 cited documents.

By

John C. Scott  
Reg. No. 38,613

**Customer Number: 45643**

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5 day of May, 2005.

MEREDITH MESCHER  
Name

Meredith Mescher  
Signature

(GENERAL)